## **COLORADO DEPARTMENT OF TRANSPORTATION**





Activity Name: Compressive Concrete Cylinder Test			Activity Number: ASTM - C39	
Activity Description & Purp Determine the compressive s		inder sample		
Date Prepared: September 2, 2008				PPE Required
Typical Equipment		Typical Crew Size:	Typical Material	Safety glasses
Description See associated test procedure	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description Class Code	Hardtoe boots
		1	See associated test procedure	
Sequence of Job Tasks	Potential Hazards	Safe Jo	Safe Job Procedures	
1-Immerse cylinder into water bath or curing room	1-Dropping cylinder on feet	1-Observe proper lifting techniques		
2-Remove cylinder from bath and cap ends	1-Pinched fingers	1-Observe finger/hand placement when inserting/removing cylinder		
3-Place unit into compression machine and apply load	1-Pinched fingers 2-Particles in eyes	1-Observe finger/hand placement when inserting/removing cylinder     2-Wear all personal protective equipment		Operate machine with guard in open position
4-Calculate results				